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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/759,978	01/16/2004	Frederick W. MacDougall	81667	8332

22242 7590 09/15/2004

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CHICAGO, IL 60603-3406

EXAMINER

JOHNSON, STEPHEN

ART UNIT	PAPER NUMBER
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3641

DATE MAILED: 09/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/759,978

Applicant(s)

MACDOUGALL, FREDERICK W.

Examiner

Stephen M. Johnson

Art Unit

3641

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 August 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,4-8 and 13-19 is/are rejected.
- 7) ☒ Claim(s) 2,3 and 9-12 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 5/7/2004.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

Art Unit: 3641

1. Applicant's election without traverse of invention II (claims 4-19) in the reply filed on 8/20/2004 is acknowledged.

Inventions I and II have been recombined in this Office action in view of the fact that claim 4 which must be examined depends from claim 2. An action on claims 1-19 follows.

2. Claims 4-7 and 13-19 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 4, line 3, what the word "it" is intended to represent is indefinite. In claim 5, line 4, which of the previously claimed modules (capacitor module or coupling module) is intended by the phrase "the module"? In claim 13, line 2, the phrase "said capacitor units" lacks agreement with its antecedent. Note that claim 8, line 9, claims "at least one capacitor unit". In claim 14, line 24, what the term "it" is intended to reference is indefinite.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1 and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Fayram et al..

Fayram et al. disclose a capacitor module comprising:

- | | |
|---|------------------|
| a) a capacitor unit oriented in a radial direction; | 36 |
| b) inner and outer walls; | see fig. 6 (#50) |
| c) side surfaces; | see fig. 6 (#50) |
| d) a space frame; | 126, 130, 132 |

Art Unit: 3641

- e) a plurality of capacitor modules in an annular array; 156
 - f) at least one capacitor unit; col. 2, lines 45-65
 - g) a plurality of network busses; and 64
 - h) a coupling module. 102, 104, 106
5. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Japan 3-185804.
- Japan 3-185804 discloses a capacitor module comprising:
- a) a capacitor unit oriented in a radial direction; 5, 6, 7
 - b) inner and outer walls; and 6, 7
 - c) side surfaces. side surfaces of 5
6. Claims 1 and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Shaw et al..
- Shaw et al. disclose a capacitor module comprising:
- a) a capacitor unit oriented in a radial direction; 10
 - b) inner and outer walls; see figs. 1, 10 (#10, #17)
 - c) side surfaces; 21
 - d) a space frame; 13
 - e) a plurality of capacitor modules in an annular array; 10, 18
 - f) at least one capacitor unit; 10
 - g) a plurality of network busses; and inside 18
 - h) a coupling module. 18
7. Claims 2-3 and 9-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Art Unit: 3641

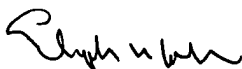
8. Claims 14-19 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

9. Claims 4-7 and 13 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Caveney et al., Bauhahn, and Naito et al. disclose state of the art capacitor modules.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen M. Johnson whose telephone number is 703-306-4158. The examiner can normally be reached on Tuesday through Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Carone can be reached on 703-306-4198. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-4177.

The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9326. The fax phone number for after final communications is (703) 872-9327.



STEPHEN M. JOHNSON
PRIMARY EXAMINER

Stephen M. Johnson
Primary Examiner
Art Unit 3641

SMJ